

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A vacuum switch having three phases, each phase of said vacuum switch including a vacuum valve with a stationary-side terminal conductor and a moving-side terminal conductor, said vacuum switch comprising:

radiators for each phase, fixed to at least one of said stationary-side terminal conductor and said moving-side terminal conductor, said radiators having a plurality of fin-shaped protrusions extending outwardly from at least one of said stationary-side terminal conductor and said moving-side terminal conductor, said plurality of fin-shaped protrusions protruding from the terminal conductor of one phase to the terminal conductor of another phase; and

a cover provided for at least one of said radiators, which relieves electrostatic focusing between said radiators for each phase, said cover leaving open a side of the plurality of fin-shaped protrusions and surrounding an outer periphery of the plurality of fin-shaped protrusions

a cover provided for at least one of said radiators, which relieves electrostatic focusing between said radiators for each phase, said cover surrounding an outer periphery of the plurality of fin-shaped protrusions of each of said radiators, said outer periphery facing the terminal conductor of said another phase, and said cover leaving open a side of each of said radiators the plurality of fin-shaped protrusions and surrounding an outer periphery of the plurality of fin-shaped protrusions.

2. (previously presented): The vacuum switch according to claim 1, wherein the plurality of fin-shaped protrusions provided with the cover are integrally molded on said at least one of said stationary-side terminal conductor and said moving-side terminal conductor for said each phase.

3. (currently amended): A vacuum switch having three phases, each phase of said vacuum switch including a vacuum valve with a stationary-side terminal conductor and a moving-side terminal conductor, said vacuum switch comprising:

radiators for each phase, fixed to at least one of said stationary-side terminal conductor and said moving-side terminal conductor, said radiators having a plurality of fin-shaped protrusions extending outwardly from at least one of said stationary-side terminal conductor and said moving-side terminal conductor; and

a cover provided for at least one of said radiators, which relieves electrostatic focusing between said radiators for each phase, said cover leaving open a side of the plurality of fin-shaped protrusions and surrounding an outer periphery of the plurality of fin-shaped protrusions

a cover provided for at least one of said radiators, which relieves electrostatic focusing between said radiators for each phase, said cover leaving open a side of the plurality of fin-shaped protrusions and surrounding an outer periphery of the plurality of fin-shaped protrusions
The vacuum switch according to claim 1,

wherein the plurality of fin-shaped protrusions for said each phase are arranged, parallel to each other, in a lengthwise direction of said radiator.